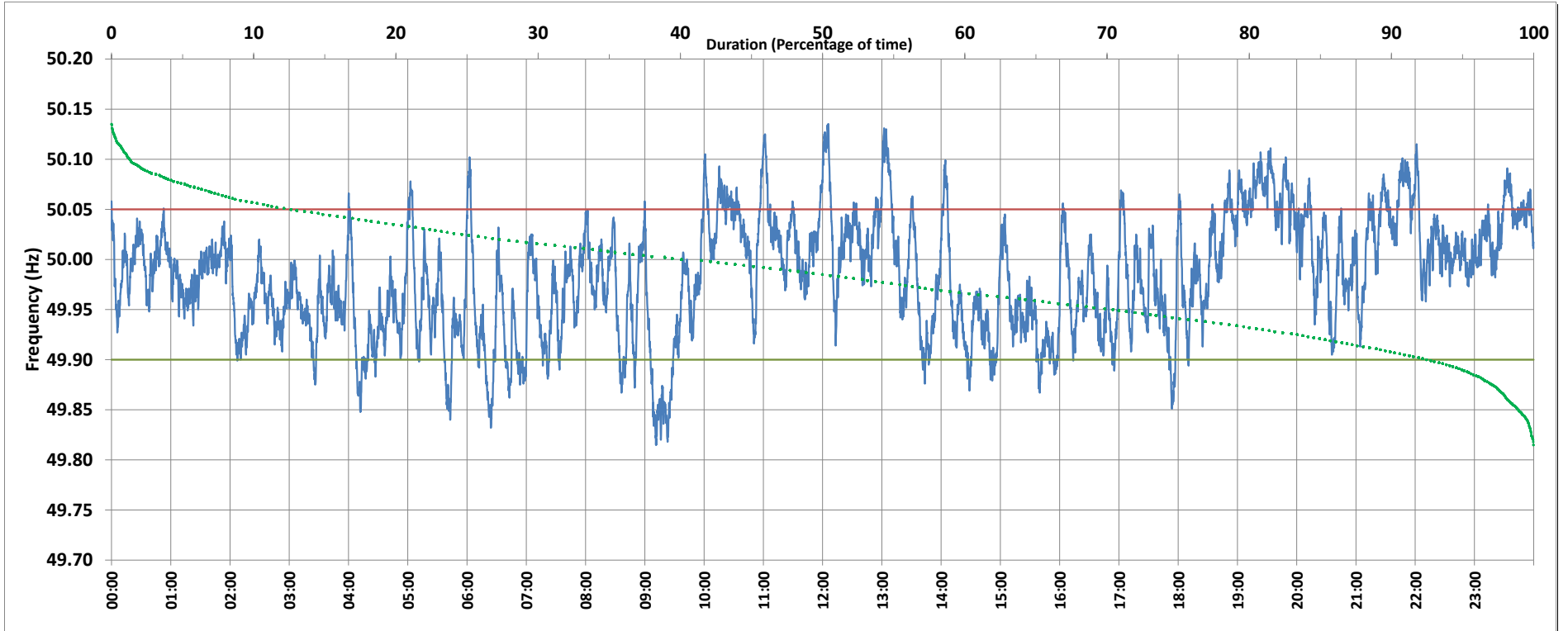


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Oct-2018 (Monday)



<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2	<49.95	49.95-50.05	49.90-49.95
0.00	7.25	41.69	0.00	7.25	51.31	40.12	1.33	80.13	100.00	35.93	11.76	40.07	22.38	12.63	0.00	29.17	58.21	21.92

Average Frequency : 49.983	Frequency Variation Index : 0.036	Standard Deviation : 0.057	Mileage: 45.0	FDI: 19.9
----------------------------	-----------------------------------	----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.135	12:05:30
Min	49.815	9:11:10

15 minute Average Frequency		
Max	50.079	19:30:00
Min	49.858	9:30:00

No. of excursions	
above 50.03 Hz	92
below 49.97 Hz	100
above 50.00 Hz	104
below 50.00 Hz	97

Average time freq per excursion remains	
below 49.97	0:06:00
above 50.03	0:03:30

No. of hours freq outside 49.9-50.05 Hz	4:46:10
---	---------

Source : Vijaywada Frequency 10 Sec. (8640 samples)